

Having thus described the invention there is claimed as new and desired to be secured by Letters Patent:

1. In a video monitor having a console and a display housing, the display housing carrying a video display panel, the console including a stowage cavity dimensioned to receive the display housing, the improvement comprising a hinge assembly coupling the console and the display housing, the hinge assembly including a leaf, one end of the leaf being pivotally mounted to the console and the other end of the leaf being pivotally mounted to the display housing, the display housing including a rear casing having a recess, the recess being dimensioned to receive the leaf when the display housing is stowed in the stowage cavity, whereby both viewing angle and linear distance or elevation between a viewer and the display panel may be adjusted by rotating the leaf relative to the casing and the display housing relative to the leaf.

2. In a video monitor having a console and a display housing as constructed in accordance with claim 1, the improvement further comprising at least one ventilation port extending through the rear casing, the ventilation port being positioned at the recess, whereby the ventilation port is inaccessible when the display housing is stowed in the stowage cavity.

3. In a video monitor having a console and a display housing as constructed in

accordance with claim 1, the improvement further comprising the leaf being substantially rectangular and the recess being substantially rectangular.

4. In a video monitor having a console and a display housing as constructed in accordance with claim 1, the improvement further comprising the one end of the leaf being pivotally mounted to the display housing about one axis and the other end of the leaf pivotally mounted to the console about another axis, the axes being parallel.

5. In a video monitor having a console and a display housing as constructed in accordance with claim 1, the improvement further comprising the recess extending from an edge of the display housing toward an opposite edge, the recess terminating at a closed end substantially at the mid-height of the display housing, the other end of the leaf being positioned at the closed end of the recess.

6. In a video monitor having a console and a display housing as constructed in accordance with claim 5, the improvement further comprising a journal projecting from opposite sides of the leaf adjacent the other end of the leaf, the journal being received within bearing surfaces of the display housing.

7. In a video monitor having a console and a display housing as constructed in accordance with claim 1, the improvement further comprising a distal extension of the stowage cavity, the one end of the leaf being positioned within the distal extension.

8. In a video monitor having a console and a display housing as constructed in accordance with claim 7, the improvement further comprising a journal projecting from

opposite sides of the leaf adjacent the one end of the leaf, the journal being received within bearing surfaces of the console.

9. In a video monitor having a console and a display housing as constructed in accordance with claim 8, the improvement further comprising a cam positioned within the console, the cam being non-rotatably coupled to the journal, the console further including a spring follower, the spring follower being in engagement with the cam, whereby releasable leaf pivot stops are provided.

10. In a video monitor having a console and a display housing as constructed in accordance with claim 8, the improvement further comprising a plurality of bearing plates fixed in the console, the bearing surfaces being formed in the bearing plates.

11. A method of safely ventilating a display housing of a vehicle mounted video monitor, the monitor including the display housing and a console, the method comprising the steps of:

- a) providing a plurality of ventilation ports through a rear casing of the display housing,
- b) providing a hinge leaf dimensioned to overlie the ventilation ports,
- c) pivotally interconnecting one end of the hinge leaf to the rear casing and pivotally interconnecting the other end of the hinge leaf to the console,
- d) overlying the ventilation ports with the hinge leaf when the display housing is stowed in the console,

- e) pivoting the display monitor relative to the hinge leaf to a viewing position, wherein the hinge leaf is not overlying the ventilation ports, and
- f) stowing the display housing in the console with the hinge leaf overlying the ventilation ports when viewing has been concluded.

12. A method of safely ventilating a display housing of a vehicle mounted video monitor in accordance with claim 11, the method further including the step of forming a recess in the rear casing dimensioned to receive the hinge leaf and positioning the ventilation ports in the recess.

13. A method of safely ventilating a display housing of a vehicle mounted video monitor in accordance with claim 11, the method including the further step of mounting the console to the ceiling of the vehicle for overhead video display.

14. A method of safely ventilating a display housing of a vehicle mounted video monitor in accordance with claim 11, the method including the further step of mounting the console to a substantially vertical surface of the vehicle.

15. In a video monitor having a console and a display housing, the display housing carrying a video display panel, the console including a stowage cavity dimensioned

to receive the display housing, the improvement comprising a hinge assembly coupling the console and the display housing, the hinge assembly including a leaf, one end of the leaf being pivotally mounted to the console and the other end of the leaf being pivotally mounted to the display housing, the display housing including a rear casing having a plurality of ventilation ports extending therethrough, the leaf overlying the ventilation ports when the display panel is stowed in the stowage cavity, the ventilation ports being open for air flow therethrough when the display panel is rotated relative to the leaf to an orientation other than that when the display panel is stowed in the stowage cavity.

16. In a video monitor having a console and a display housing as constructed in accordance with claim 15, the improvement further comprising one end of the leaf being pivotally mounted to the display housing about one axis and another end of the leaf being pivotally mounted to the console about another axis, the axes being parallel.

17. In a video monitor having a console and a display housing as constructed in accordance with claim 15, the improvement further comprising a recess in the rear casing, the recess extending from one edge of the rear casing toward an opposite edge, the recess being dimensioned to receive the leaf when the display housing is in the stowed position, the ventilation ports being positioned in the recess.